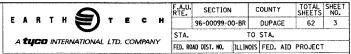
## GENERAL NOTES

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE JANUARY 1, 2002 EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND CITY OF NAPERVILLE "STANDARD SPECIFICATIONS", LATEST EDITION. THE ENGINEER WILL RESOLVE ANY CONFLICTS WHICH MAY EXIST BETWEEN THESE SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND HEALTHFUL WORKING CONDITIONS THROUGHOUT THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL AFFECTED UTILITY COMPANIES BEFORE ANY WORK IS STARTED. ALL UTILITIES MUST BE STAKED PRIOR TO CONSTRUCTION.
- 4. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
- 5. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR CITY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE CITY.
- 6. CONTRACTORS SHALL KEEP PUBLIC STREET PAVEMENTS CLEAN OF DIRT AND DEBRIS AND, WHEN NECESSARY, CLEAN PAVEMENTS ON A DAILY BASIS.
- 7. THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE NOT TO BE TAKEN AS EXACT. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR THEM TO PREVENT DAMAGE.
- 8. WHEN DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF THE CUTTER OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORK DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES ARE TO BE FREE FROM ALL DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR STORM SEWER ITEMS.
- 9. THE CONTRACTOR'S SPECIAL ATTENTION IS REQUIRED TO PRESERVE TREES AND SHRUBS AND AS MUCH EXISTING FOLIAGE AS POSSIBLE DURING CONSTRUCTION. COST OF REMOVAL OF HEDGES, BRUSH AND STUMPS WHICH ARE NOT LISTED SEPARATELY AS A PAY ITEM IN THE PLANS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION. PLAN QUANTITIES FOR TREE REMOVAL MAY BE ADJUSTED DURING CONSTRUCTION AT THE DISCRETION OF THE ENGINEER.
- 10. THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT OR SURFACE COURSE, UNLESS OTHERWISE INDICATED.
- 11. THE CONTRACTOR RESPONSIBLE FOR WATER MAIN CONSTRUCTION, SANITARY SEWER CONSTRUCTION AND DRAINAGE IMPROVEMENTS (UNDERGROUND WORK) SHALL DISPOSE OF ALL SURPLUS EXCAVATED MATERIAL FROM TRENCHES OR STRUCTURE EXCAVATIONS. THIS WORK WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR UNDERGROUND ITEMS.
- 12. 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS & GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- 13. WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- 14. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 3:1 (H: V).
- 15. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND BITUMINOUS TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 16. THE COST OF SAW CUTS FOR PAVEMENT AND DRIVEWAY REMOVAL SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.
- 17. WHEREVER CONCRETE MASONRY WALLS, HEADWALLS, OR OTHER OBSTRUCTIONS ARE ENCOUNTERED, THEY SHALL BE REMOVED TO AN ELEVATION 12 INCHES BELOW THE ESTABLISHED GRADE OR SUB-GRADE AS SHOWN ON THE PLANS. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EXCAVATION.
- 18. PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, CONCRETE MEDIAN SURFACE, AND CONCRETE ISLAND SURFACE.
- 19. THE THICKNESS OF BITUMINOUS MIXTURE FOR RESURFACING, AS SHOWN ON THE PLANS, IS ALSO THE NOMINAL THICKNESS. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE UPON WHICH THE BITUMINOUS MIXTURE IS PLACED.

## UTILITIES

- 1. ALL STORM MANHOLE OR CATCH BASIN ADJUSTMENT OF FRAMES WILL BE MADE WITH PRECAST CONCRETE ADJUSTING RINGS SET IN A FULL BED OF BUTYL ROPE JOINT SEALANT AND NO MORE THAN 12" OF ADJUSTING RINGS WILL BE PERMITTED.
- 2. ALL DRAINAGE STRUCTURES WILL HAVE POURED INVERTS CONFORMING TO THE SHAPE OF
- "BAND-SEAL" OR SIMILAR COUPLINGS SHALL BE USED WHEN JOINING SEWER PIPES OF DISSIMILAR MATERIALS.
- 4. ALL EXISTING FIELD DRAINAGE TILE ENCOUNTERED OR DAMAGED DURING CONSTRUCTION ARE TO BE RESTORED TO THEIR ORIGINAL CONDITION, PROPERLY REPOUTED AND/OR CONNECTED TO THE STORM SEWER SYSTEM.
- 5. TRENCH BACKFILL SHALL BE USED IN ALL LOCATIONS WHERE THE PROPOSED UNDERGROUND UTILITY IS TO BE CONSTRUCTED UNDER PERMANENT TYPE PAVEMENTS, DRIVEWAYS, OR SIDEWALKS; IN ANY UTILITY TRENCH OVER WHICH ANOTHER UTILITY WILL PASS; OR AS DIRECTED BY THE ENGINEER.
- 6. AT THE COMPLETION OF THE PROJECT, ONE SET OF PLANS WITH RECORD MEASUREMENTS IS TO BE SUBMITTED TO THE ENGINEER SHOWING THE LOCATION OF ALL THE SERVICES, PIPES, STRUCTURES, GRADING AND UTILITIES.
- CONNECTIONS TO EXISTING SANITARY, STORM AND WATER SYSTEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE ITEM INSTALLED.
- 8. DRAINAGE STRUCTURES AND SYSTEMS CONSTRUCTED AS PART OF THIS PROJECT SHALL BE MAINTAINED BY THE CONTRACTOR AT HIS EXPENSE. NO PAYMENT WILL BE MADE FOR CLEANING STRUCTURES OR SYSTEMS CONSTRUCTED AS PART OF THIS PROJECT.
- TRENCH BACKFILL WILL BE PAID FOR IN ACCORDANCE WITH I.D.O.T.'S 2002 EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
- 10. THE UNDERGROUND CONTRACTOR SHALL BE RESPONSIBLE TO PLACE ON GRADE AND COORDINATE WITH OTHER CONTRACTORS ALL UNDERGROUND STRUCTURE FRAMES SUCH AS CATCH BASINS, INLETS, MANHOLES, HYDRANTS, BUFFALO BOXES, VALVES ETC. NO ADDITIONAL COMPENSATION WILL BE PAID AND SAID ADJUSTMENTS SHALL BE CONSIDERED INCLUDED IN THE OTHER ITEMS OF CONSTRUCTION.
- 11. CONNECTIONS TO EXISTING STORM SEWER STRUCTURES SHALL BE DONE BY CORING THE CONCRETE BARREL SECTION.
- 12. THE CONTRACTOR SHALL PROVIDE VERTICAL BENDS AND USE JOINT DEFLECTION AS NEEDED TO CONNECT TO EXISTING WATERMAIN AND AVOID CONFLICTING UTILITES, ALL BENDS, JOINTS AND TEES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR DUCTILE IRON WATER MAIN OF THE SIZE SPECIFIED ON THE PLANS.
- 13. THE CONTRACTOR SHALL TEST AND CHLORINATE THE NEW WATERMAIN SYSTEM PRIOR TO CONNECTING ANY EXISTING WATER SERVICES. THE CONTRACTOR SHALL CUT AND CAP EXISTING WATERMAIN AFTER NEW WATERMAIN AND ALL SERVICES ARE OPERATIONAL.
- 14. THE CONTRACTOR SHALL CONTACT THE CITY'S DEPARTMENT OF PUBLIC UTILITES -WATER DIVISION 48HOURS IN ADVANCE OF PROPOSED CONNECTION TO EXISTING WATERMAINS.
- 15. THE CONTRACTOR SHALL REMOVE EXISTING ABANDONED SANITARY SEWER WHERE IT CONFLICTS WITH CONSTRUCTION OF NEW FACILITIES. THE CONTRACTOR SHALL ALSO REMOVE EXISTING WATERMAIN TO PROPOSED REDUCERS. EXISTING UTILITIES SHALL BE CUT OFF AT THE TRENCH LIMITS AND PLUGGED WITH A MIN. OF 12" THICK CONCRETE PLUG. THE COST OF REMOVAL, BACKFILL, CUTTING AND CAPPING SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
- 16. ALL WATERMAIN JOINTS SHALL HAVE RESTRAINED JOINTS, MEGALUG 100 SERIES OR UNIFLANGE BLOCKBUSTER 1400 SERIES.
- 17. THE CONTRACTOR SHALL EXECUTE EXTREME CAUTION WHILE WORKING IN, ON OR NEAR ELECTRICAL FACILITIES. HE AND ALL HIS SUB-CONTRACTOR'S WORKERS SHALL FOLLOW APPROPRIATE OSHA LOCK-OUT/TAG-OUT PROCEDURES.
- 18. EXISTING ELECTRICAL FACILITES SHALL BE DE-ENERGIZED PRIOR TO THE CONTRACTOR AND HIS SUBCONTRACTOR'S WORKERS COMMENCING WORK. THEY ARE TO CONTACT THE CITY'S DEPARTMENT OF PUBLIC UTLITES ELECTRICAL (DPU-E) DIVISION TO DE-ENERGIZE ALL NEARBY ELECTRICAL CIRCUITS AND UTILITIES.
- 19. CONNECTIONS TO EXISTING ELECTRICAL FACILITIES SHALL BE ACCOMPLISHED ONLY BY THE CONTRACTOR'S EMPLOYEES AND HIS SUB-CONTRACTOR'S EMPLOYEES THAT ARE TRAINED TO WORK ON MEDIUM VOLTAGE FACILITIES (LESS THAN 72.5 KV), IN ACCORDANCE WITH OSHA REGULATIONS, 29 CFR. A MINIMUM OF TWO (2) SUCH QUALIFIED PERSONNEL SHALL BE PRESENT WHILE WORKING ON OR NEAR THESE FACILITIES.
- 20. THE CONTRACTOR SHALL ARRANGE FOR INSPECTIONS OF HIS AND HIS SUB-CONTRACTOR'S WORK, BY DPU-E DIVISION AT CONNECTION POINTS, IN THE VAULTS AND AT THE EXISTING DUCT BANKS AND CABLES AT THE TIME OF HIS WORK.
- 21. THE PROPOSED WATERMAIN STUB AND ELECTRIC MANHOLE ARE TO BE CONSTRUCTED BY OTHERS PRIOR TO THIS PROJECT AS PART OF THE MAIN STREET AND CHICAGO AVENUE UTILITY IMPROVEMENTS PROJECT. THE LOCATION OF THE WATERMAIN STUB IS TO BE TRIANGULATED, MARKED ON THE PAVEMENT AND DOCUMENTATION PROVIDED TO THE CITY.
- 22. THE EXISTING STORM SEWER OUTFALL LOCATED FROM STA. 13+86, 20' LT. TO STA. 14+85, 39' LT. SHALL BE REMOVED FROM BELOW THE ROADWAY PAVEMENT AND THE REMAINDER SHALL BE ABANDONED AND PLUGGED. THE CONTRACTOR SHALL VERIFY THAT NO ADDITIONAL UNKNOWN STORM SEWER CONNECTIONS ARE MADE WITHIN THE PORTION OF PIPE TO BE ABANDONED. IF IT IS DETERMINED THAT THERE ARE CONNECTIONS, THE CONTRACTOR WILL MAINTAIN THE EXISTING 12" OUTFALL TO THE RIVER AS DIRECTED BY THE ENGINEER.
- 23. THE EXISTING STORM SEWER OUTFALLS ON MAIN STREET SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. THIS WORK SHALL BE PAID FOR AS SPECIFIED FOR TEMPORARY DRAINAGE.



CONTRACT 83664

## ASBESTOS REMOVAL

IT HAS BEEN CONFIRMED THAT ASBESTOS IS PRESENT IN THE OVERLAY OF THE EXISTING STRUCTURE. AT THE PRECONSTRUCTION MEETING, THE CONTRACTOR AND THE CITY SHALL FILL OUT FORM IL 532 1296 APC 430 (REV. 3/00) AND SUBMIT IT TO THE ILLINOIS EPA IN ACCORDANCE WITH THE PROCEDURES IN BDE MEMORANDUM "26-02. WHERE ASBESTOS IS PRESENT ON THE BRIDGE, IT IS SUBJECT TO THE REQUIREMENT THAT A TRAINED ASBESTOS SPECIALIST BE PRESENT WHEN ASBESTOS CONTAINING MATERIAL IS STRIPPED, REMOVED OR DISTURBED. THE SPECIAL PROVISION "ASBESTOS WATERPROFING MEMBRANE AND ASBESTOS BITUMINOUS CONCRETE SURFACE REMOVAL" AND THE PAY ITEM BITUMINOUS CONCRETE SURFACE REMOVAL (ASBESTOS) HAVE BEEN INCLUDED IN THIS CONTRACT. IT IS THE RESPONSIBILITY OF THE CITY TO SUBMIT BLR 5904 AFTER THE REMOVAL OF ASBESTOS FROM THE STRUCTURE.

REVISIONS		CITY OF NAPERVILLE			
NAME	DATE		CITY OF NA	" CIVATETE	
			MAIN STREET BRIDGE GENERAL NOTES		
		SCALE:	N.T.S.	DRAWN BY	MXF
		DATE	JULY 9, 2004	CHECKED BY	MIC